

UMASS/AMHERST



312066 0271 3440 4



**Department of
Education**

GOVERNMENT DOCUMENTS
COLLECTION

JAN 26 1995

University of Massachusetts
Depository Copy

**Dropout Rates
in Massachusetts
Public Schools: 1993**



SEPTEMBER, 1994

Massachusetts Board of Education

Mr. Martin S. Kaplan, Esquire, Chairperson, Newton
Dr. Madelaine S. Marquez, Vice Chairperson, Amherst

Mr. Thomas Chin, Newton
Ms. Patricia A. Crutchfield, Springfield
Ms. Marjorie Dolan, Boston
Dr. Jerome H. Grossman, Chestnut Hill
Mr. Frank Haydu, III, Dover
Mr. William K. Irwin, Jr., Wilmington
Ms. Elizabeth Kittredge, Longmeadow
Mr. S. Paul Reville, Worcester
Dr. Richard R. Rowe, Belmont
Dr. Stacy L. Scott, Lowell
Rev. Michael W. Walker, Brockton

Ex Officiis

(Voting Privileges)
Ms. Erin Megin, Westborough
Chairperson, Student Advisory Council

Dr. Piedad F. Robertson, Secretary, Executive Office of Education

(Non-Voting Privileges)
Dr. Stanley Z. Koplik, Chancellor, Higher Education Coordinating Council

Dr. Robert V. Antonucci, Commissioner of Education

The Massachusetts Department of Education ensures equal employment/educational opportunities/affirmative action regardless of race, color, creed, national origin or sex, in compliance with Title VI and Title IX, or handicap, in compliance with section 504.

Publication #17618-38-2700-9/94-DOE

350 Main Street, Malden, Massachusetts 02148-5023 (617) 388-3300 • TTY: N.E.T. Relay 1-800-439-2370





The Commonwealth of Massachusetts

Department of Education

350 Main Street, Malden, Massachusetts 02148-5023

(617) 388-3300
(617) 388-3392 Fax

Robert V. Antonucci
Commissioner

September 1994

Dear Friends,

I am pleased to issue our annual publication, *Dropout Rates in Massachusetts Public Schools: 1993*.

This report provides information about students who dropped out of school during the 1992-93 reporting year, the last year prior to the enactment of the landmark Education Reform Act of 1993. It represents an attempt to determine the extent to which public schools in the Commonwealth are engaging their students so that they remain in school through graduation. We hope that this report will contribute to efforts to develop and strengthen dropout prevention programs. The Department of Education provides funds for various school initiatives that work to reduce the number of school dropouts, including clustering large schools into smaller communities of learners, teaming staff, transitioning to heterogeneous grouping, increased use of project-based and cooperative learning, experimentation with portfolio assessment, partnerships with community agencies, and increased parent involvement.

A major change in this year's report is that we are, for the first time, reporting two different measures of dropout rates: unadjusted and adjusted. The unadjusted dropout rate is the measure that we have reported since 1987. The adjusted rate is a new measure that was recently developed by the U.S. Department of Education. It partially accounts for students who drop out and return to school by not counting as dropouts those students who return to school by the following October 1.

Summary of Key Findings

- **Annual Dropout Rate** A total of 9,766 students enrolled in grades nine through twelve dropped out of school in the one-year period between July 1, 1992, and June 30, 1993. This represents an unadjusted annual dropout rate of 4.3 percent. Of those students, 1,791 (18.3%) returned to school by October 1, 1993. This represents an adjusted annual dropout rate of 3.5 percent.
- **Rate Over Time** The unadjusted annual dropout rate increased from 4.0 percent in 1992 to 4.3 percent in 1993. The annual rate had remained constant the prior year and had previously declined since 1988, when it was 5.4 percent. It dropped to 4.9 percent in 1989, 4.6 percent in 1990, and then to 4.0 percent in 1991. There is no prior comparable data for the adjusted dropout rate.
- **Distribution of Rates for Individual Schools** The unadjusted annual dropout rate ranged from zero percent to 18.4 percent. At the low end, 148 schools had dropout rates of 2.5 percent or less, down from 169 the previous year. At the high end, 22 schools had dropout rates in excess of 10 percent, up from 17 the prior year. These 22 schools comprised 9.9 percent of the state's grade nine through twelve enrollment but accounted for 31.3 percent of the state's dropouts.

- **Grade** Students in grades ten and eleven dropped out at higher rates than did students in grades nine and twelve, a pattern that has persisted since 1989. The 1993 adjusted annual dropout rate for tenth-graders was 3.8 percent and the rate for eleventh-graders was 4.0 percent. The adjusted dropout rate for ninth-graders was 3.2 percent and the rate for twelfth-graders was 3.0 percent. While the unadjusted dropout rate for grades nine and ten remained stable between 1992 and 1993, the rate for grades eleven and twelve increased.
- **Gender** The 1993 adjusted annual dropout rate was 3.9 percent for males and 3.1 percent for females. The unadjusted rate for both males and females increased between 1992 and 1993, from 4.5 to 4.8 percent for males and from 3.5 to 3.7 percent for females.
- **Race/Ethnicity** Dropout rates varied widely by race/ethnicity. The adjusted annual rate for Hispanic students, the highest at 9.6 percent, was over three and a half times as high as the rate for white students at 2.6 percent. Native-American students, who make up less than one percent of the total enrollment, had the second highest rate at 7.9 percent. The adjusted annual rate for African-American students was 6.9 percent, while the rate for Asian students was 2.7 percent. The unadjusted annual dropout rate increased for all racial/ethnic groups between 1992 and 1993, except among the Asian population which saw a strong improvement from 4.2 percent in 1992 to 3.2 percent in 1993.
- **Vocational-Technical Schools** The adjusted annual dropout rate for students enrolled in vocational-technical schools was 3.4 percent. The adjusted rate of 7.3 percent for city/town vocational-technical schools was nearly three times as high as the rate of 2.6 percent for regional, independent and county vocational-technical schools. The unadjusted annual dropout rate for vocational students was 4.4 percent, up from 3.7 percent the prior year.
- **Students with Special Needs** The unadjusted annual dropout rate for students with special needs was 6.7 percent, down significantly from 9.0 percent the previous year. Data for the adjusted rate were not available.

I would like to acknowledge the Accountability and Evaluation Service Cluster for developing this report. If you have any questions or suggestions about the report, please contact:

Massachusetts Department of Education
 Accountability and Evaluation Services
 350 Main Street
 Malden, MA 02148
 (617) 388-3300 ext. 317

Sincerely,



Robert V. Antonucci
 Commissioner of Education



Digitized by the Internet Archive
in 2013

<http://archive.org/details/dropoutratesinma1993mass>

***Dropout Rates
in Massachusetts
Public Schools: 1993***

September 1994

Dropout Rates in Massachusetts Public Schools: 1993

Table of Contents

Introduction	1
Analysis of Dropout Rates	3
Technical Information	11
Annual Dropout Rates by School and District	13
Projected Four-Year Dropout Rates by District	27

Dropout Rates in Massachusetts Public Schools: 1993

Introduction

A great deal of attention has been directed recently towards providing alternative education to students who drop out of school or who are removed from school for disciplinary reasons.¹

The purpose of this report is to assess the holding power of schools in order to examine how well Massachusetts public schools are doing in graduating their students. The Department of Education, under the authority of the Education Reform Act of 1993 and previously under the authority of Chapter 188, the Massachusetts Public School Improvement Act of 1985, conducts an annual survey of the state's public schools to determine the number of students who drop out. This report summarizes and analyzes information about students who dropped out during the 1992-93 reporting year.²

Effective dropout prevention requires accurate information about the extent and nature of the dropout problem. This analysis is intended to contribute to efforts to continue to develop and strengthen successful dropout prevention programs. The Department of Education welcomes suggestions that would enhance the analysis of dropout information and contribute to its usefulness.

Definition of a Dropout

Dropouts are defined as students who leave school prior to graduation for reasons other than transfer to another school. This year, for the first time, the Department of Education is reporting two different measures of dropout rates: unadjusted and adjusted. The unadjusted dropout rate is the measure that has been reported since 1987. It is the number of students who drop out over a one-year period, from July 1 to June 30, divided by the enrollment on October 1. This measure counts students as dropouts regardless of whether they return to school at some future time.

A new measure of a dropout was recently developed by the U.S. Department of Education. This measure, referred to in this report as the adjusted dropout rate, partially accounts for students who drop out and return to school. Students who drop out during a particular reporting year but return to school by October 1 of the following year, referred to in this report as returned dropouts, are not counted as dropouts in the adjusted dropout rate. This measure will be adopted by all states, allowing for comparisons between states and with the national average.

For the first four years that the Department of Education reports the adjusted dropout rate, it will also report the unadjusted dropout rate in order to allow for comparisons with previous years. Once a timeline has been established with five years of the adjusted dropout rate, the unadjusted rate will no longer be reported.

Endnotes

1. Note section 87 of the Education Reform Act of 1993.
2. The 1992-93 annual reporting cycle went from July 1, 1992, to June 30, 1993.

Table 1. Dropout Rates: 1993

	Enrollment	Unadjusted			Adjusted*			Returns as % of Dropouts***
		Number of Dropouts	Annual Rate	Projected Four-Year Rate**	Number of Dropouts	Annual Rate	Projected Four-Year Rate**	
Total, Grade 9-12	229,142	9,766	4.3	--	7,975	3.5	--	18.3
Grade								
Grade 9	63,067	2,348	3.7	16	1,988	3.2	13	15.3
Grade 10	59,325	2,731	4.6	--	2,248	3.8	--	17.7
Grade 11	54,620	2,716	5.0	--	2,198	4.0	--	19.1
Grade 12	52,130	1,971	3.8	--	1,541	3.0	--	21.8
Gender								
Male	116,633	5,631	4.8	18	4,525	3.9	14	19.6
Female	112,509	4,135	3.7	14	3,450	3.1	12	16.6
Race/Ethnic Group								
African-American	18,608	1,496	8.0	28	1,288	6.9	25	13.9
Asian	8,063	260	3.2	12	215	2.7	10	17.3
Hispanic	17,923	2,031	11.3	37	1,714	9.6	32	15.6
Native American	405	40	9.9	36	32	7.9	30	20.0
White	184,143	5,939	3.2	12	4,726	2.6	10	20.4
Vocational-Technical Schools****	29,252	1,277	4.4	16	990	3.4	13	22.5
City/Town	4,889	463	9.5	33	357	7.3	26	22.9
Regional/County/Independent	24,363	814	3.3	13	633	2.6	10	22.2
Students with Special Needs*****	24,194	1,615	6.7	NA	NA	NA	NA	NA

* adjusted figures account for 1992-93 dropouts who returned to school by Oct. 1, 1993

** percentage of ninth graders (Class of 1996) projected to drop out over four-year period

*** percentage of 1992-93 dropouts who returned to school by Oct. 1, 1993

**** figures do not include vocational-technical students enrolled in comprehensive high schools

***** enrollment is for students age 16-21

Analysis of Dropout Rates

The 1993 unadjusted annual dropout rate for Massachusetts public schools was 4.3 percent. That is, 9,766 ninth- to twelfth-graders dropped out of Massachusetts public schools during the 1992-93 annual reporting year. These students represented 4.3 percent of the 229,142 ninth- to twelfth-graders who were enrolled in the state's public schools in the Fall of 1992 (Table 1).

Of the 9,766 students who dropped out during the 1992-93 reporting year, 1,791 returned to school by October 1, 1993. These students represented 18.3 percent of those who dropped out. Accounting for students who reenrolled in school by the following Fall, the adjusted annual dropout rate for the 1992-93 reporting year was 3.5 percent.

Based on the unadjusted annual dropout rate, it is projected that 16 percent of the students who entered ninth grade in the 1992-93 reporting year may not graduate. This statistic, known as the unadjusted projected four-year dropout rate, represents an estimation of the cumulative effect of four years of dropping out for the Class of 1996. Accounting for dropouts who returned to school by the following October 1, the adjusted projected four-year dropout rate was 13 percent.

Both the unadjusted annual and projected four-year dropout rates increased slightly from the previous year after remaining constant the prior year and declining in each of the prior three years. The unadjusted annual dropout rate had decreased between 1988 and 1992 from 5.4 percent to 4.0 percent (Table 2 and Figure 1). Similarly, the unadjusted projected four-year dropout rate had decreased over the same period from 20 percent for the Class of 1991 to 15 percent for the Class of 1995 (Table 3 and Figure 2). It is not possible to compare the adjusted dropout rate for 1993 with prior years because data on returned dropouts was not collected in previous years. The slight increase in the dropout rate may indicate a need to sustain and strengthen dropout prevention efforts.

Dropout Rates in Massachusetts Public Schools: 1993

Figure 1. Annual Dropout Rates: 1989-93

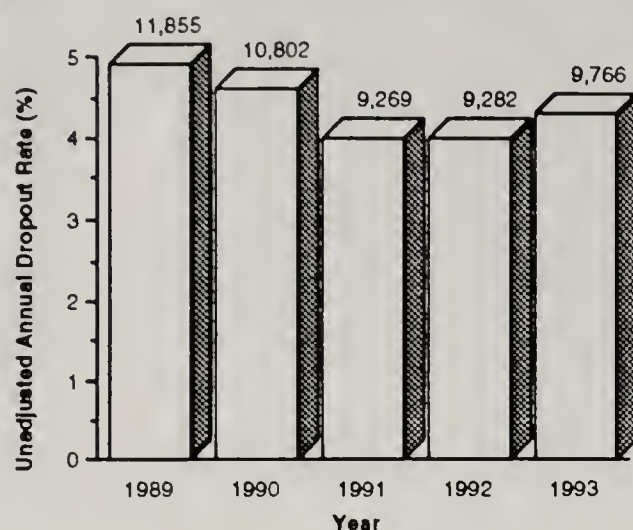


Figure 2. Projected 4-Year Dropout Rates: 1992-96

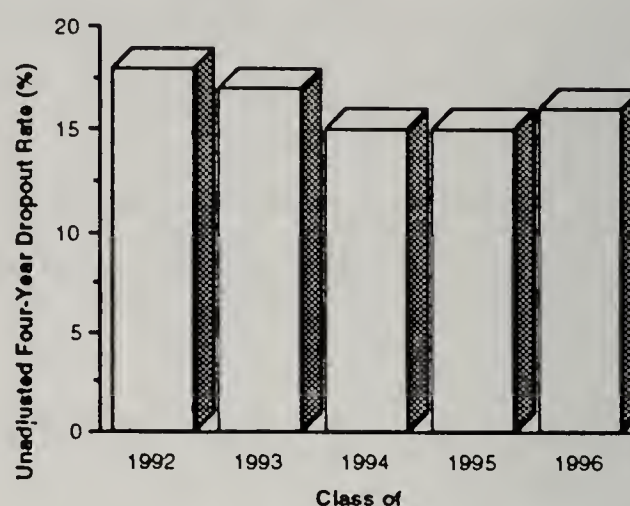


Table 2. Unadjusted Annual Dropout Rates: 1989-1993*

	1989	1990	1991	1992	1993
Dropout Rate, Grade 9-12	4.9%	4.6%	4.0%	4.0%	4.3%
Total Number of Dropouts	11,855	10,802	9,269	9,282	9,766
Grade 9-12 Enrollment	242,748	235,350	230,069	230,170	229,142
Grade					
Grade 9	4.4%	4.0%	3.5%	3.7%	3.7%
Grade 10	5.8%	5.3%	4.7%	4.7%	4.6%
Grade 11	5.7%	5.5%	4.5%	4.6%	5.0%
Grade 12	3.6%	3.5%	3.3%	3.1%	3.8%
Gender					
Male	5.3%	5.2%	4.4%	4.5%	4.8%
Female	4.5%	4.0%	3.5%	3.5%	3.7%
Race/Ethnic Group					
African American	9.2%	9.0%	8.1%	7.4%	8.0%
Asian	4.7%	5.1%	3.9%	4.2%	3.2%
Hispanic	14.1%	12.6%	11.1%	11.1%	11.3%
Native American	7.8%	8.0%	7.2%	4.8%	9.9%
White	4.0%	3.6%	3.0%	3.1%	3.2%

* rates are unadjusted for dropouts who returned to school by Oct. 1 of the following school year

Between 1989 and 1993, the unadjusted annual dropout rate declined in a majority of the state's schools. During this period, out of the 298 schools in the state having ninth- through twelfth-graders which were in operation for the entire period, 182 schools (61.1 percent) had a decrease in the unadjusted annual dropout rate. However, 106 schools (35.6 percent) had an increase, and 10 schools had no change. While schools with a decrease in the unadjusted annual dropout rate outnumber those with an increase, that more than one-third of the state's schools have experienced an increase is cause for concern.

Table 3. Unadjusted Projected Four-Year Dropout Rates: Classes of 1992-1996*

	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>
Total	18%	17%	15%	15%	16%
Gender					
Male	20%	19%	16%	17%	18%
Female	17%	15%	13%	13%	14%
Race/Ethnic Group					
African American	32%	31%	28%	26%	28%
Asian	17%	19%	15%	16%	12%
Hispanic	45%	41%	37%	36%	37%
Native American	29%	28%	28%	18%	36%
White	15%	14%	12%	12%	12%

* rates are unadjusted for dropouts who returned to school by Oct. 1 of the following school year

The 1993 statewide dropout rate masks the wide disparity in the rate that existed among individual schools and the severe dropout problem that persists in some schools. The distribution in the unadjusted annual dropout rate ranged from a low of zero percent to a high of 18.4 percent.¹ Fewer schools had low dropout rates and more schools had high dropout rates in 1993 than in 1992. At the low end, 148 schools had dropout rates of 2.5 percent or less, down from 169 the previous year. At the high end, 36 schools had dropout rates greater than 7.5 percent, up from 28 the previous year, and 22 schools had dropout rates in excess of 10 percent, also up from 17 the prior year (Table 4 and Figure 3). These 22 schools comprised 9.9 percent of the state's grade nine through twelve enrollment but accounted for 31.3 percent of the state's dropouts.

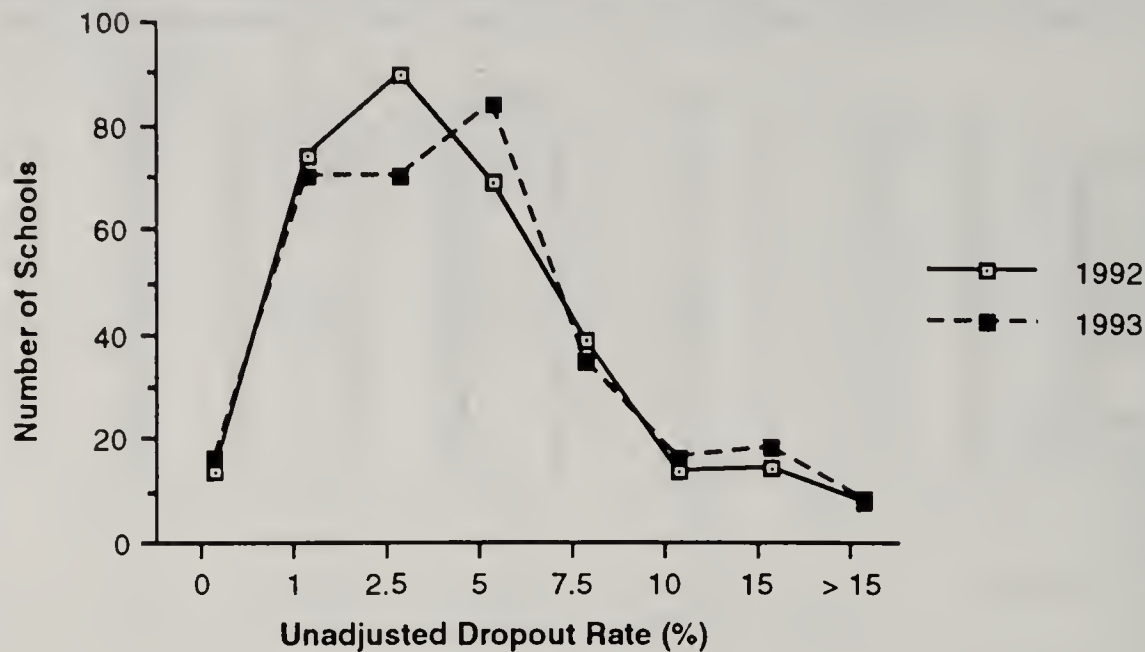
Table 4. Distribution of Unadjusted Annual Dropout Rates: 1992-1993

<u>Annual Rate (%)</u>	<u>Number of Schools*</u>	
	<u>1992</u>	<u>1993</u>
0	11	14
0.1 - 1.0	71	67
1.1 - 2.5	87	67
2.6 - 5.0	66	81
5.1 - 7.5	36	32
7.6 - 10.0	11	14
10.1 - 15.0	12	16
15.1 and above	5	6

* includes schools having any of the grades 9 through 12 with enrollments greater than 75

Dropout Rates in Massachusetts Public Schools: 1993

Figure 3. Distribution of Annual Dropout Rates: 1992-93



Dropout rate figures on x-axis are the maximum of a range; eg., 1 equals 0.1 - 1.0, 2.5 equals 1.1 - 2.5, etc. Includes schools having any of the grades 9 through 12 with enrollments greater than 75.

Results for Selected Student Populations

In any given year dropout rates vary widely among specific student populations (Tables 1 and 2). Because the dropout rate for certain groups of students is especially high, examining the dropout rate for specific populations is necessary in order to appropriately develop and target dropout prevention efforts. The dropout rate for selected populations of students is examined below.

Grade

- Students in grades ten and eleven dropped out at higher rates than did students in grades nine and twelve. The 1993 adjusted annual dropout rate for tenth-graders was 3.8 percent and the rate for eleventh-graders was 4.0 percent. The adjusted dropout rate for ninth-graders was 3.2 percent and the rate for twelfth-graders was 3.0 percent (Table 1). This pattern of dropout rates by grade has remained consistent since 1989.
- While the unadjusted dropout rate for grades nine and ten remained stable between 1992 and 1993, the rate for grades eleven and twelve increased (Table 2). The unadjusted rate remained at 3.7 percent for grade nine, decreased from 4.7 to 4.6 percent for grade ten, and increased from 4.6 to 5.0 percent for grade eleven and from 3.1 to 3.8 percent for grade twelve.

Gender

- The 1993 adjusted annual dropout rate was higher for males than for females (Table 1). The adjusted annual rate was 3.9 percent for males and 3.1 percent for

females. The adjusted projected four-year rate was 14 percent for males and 12 percent for females. This pattern has also persisted since 1989.

- The unadjusted annual dropout rate for both males and females increased between 1992 and 1993 (Table 2). The rate for males increased from 4.5 to 4.8 percent for males and from 3.5 to 3.7 percent for females.

Race/Ethnicity

- The wide disparity in dropout rates for the various racial/ethnic groups raises concern about how well schools are serving students with diverse cultural or linguistic backgrounds. The adjusted annual rate for Hispanic students, the highest at 9.6 percent, was over three and a half times as high as the rate for white students at 2.6 percent (Table 1). Native-American students, who make up less than one percent of the total enrollment, had the second highest rate at 7.9 percent, three times as high as the rate for white students. The adjusted annual rate for African-American students was 6.9 percent, over two and a half times higher than the rate for white students. The rate for Asian students at 2.7 percent was nearly the same as the rate for white students.
- The adjusted projected four-year dropout rate for the Class of 1996 showed similar disparity by race/ethnicity (Table 1). The rate was highest for Hispanic students at 32 percent, followed by Native American students at 30 percent, and African-American students at 25 percent. The rate for both white and Asian students was 10 percent.
- The unadjusted annual dropout rate increased for all racial/ethnic groups except Asian between 1992 and 1993. The rate for African-American students increased from 7.4 percent in 1992 to 8.0 percent in 1993. The rate for Hispanic and white students increased slightly between 1992 and 1993, from 11.1 to 11.3 percent and from 3.1 to 3.2 percent, respectively. The rate for Asian students declined from 4.2 percent in 1992 to 3.2 percent in 1993. The rate for Native American students jumped from 4.8 to 9.9 percent; however, the rate for Native Americans is susceptible to wide variation due to low enrollment.

Vocational-Technical Schools

- A total of 990 ninth- to twelfth-grade students enrolled in the state's 43 vocational-technical schools, out of an enrollment of 29,252, dropped out of school during the 1992-93 reporting year.² This represents an adjusted annual dropout rate of 3.4 percent, slightly lower than the statewide rate of 3.5 percent (Table 1).
- In 1993, 83.3 percent of vocational students attended the 33 regional, independent or county vocational-technical schools in the state. The remainder attended

Dropout Rates in Massachusetts Public Schools: 1993

the 10 vocational-technical schools that were part of city and town school systems. The adjusted annual dropout rate of 7.3 percent for city/town vocational-technical schools was nearly three times as high as the rate of 2.6 percent for regional, independent and county vocational-technical schools. Similarly, the adjusted projected four-year rate of 26 percent for city/town vocational-technical schools was over two and a half times as high as the rate of 10 percent for regional, independent and county vocational-technical schools.

- The unadjusted annual dropout rate for all vocational-technical schools increased from 3.7 to 4.4 percent between 1992 and 1993. The unadjusted rate for city/town vocational-technical schools jumped from 7.1 to 9.5 percent, while the rate for regional vocational-technical schools increased from 3.1 to 3.3 percent.

Students with Special Needs

- A total of 1,615 students with special needs age 16 and older, out of an enrollment of 24,194, dropped out of school during the 1992-93 reporting year; this figure does not reflect dropouts who returned to school as this data was unavailable.³ This represents an unadjusted annual dropout rate of 6.7 percent, more than one and a half times as high as the statewide unadjusted rate of 4.3 percent for all students (Table 1). The rate for students with special needs decreased from 9.0 percent the previous year.

Returned Dropouts

As mentioned above, 18.3 percent of students who dropped out during the 1992-93 reporting year returned to school by October 1, 1993. These students are referred to here as returned dropouts. Accounting for these students results in a decrease in the annual dropout rate from 4.3 to 3.5 percent.

The percentage of dropouts who returned to school varied widely by school. Of the 296 schools having any of the grades nine through twelve which had dropouts during the 1992-93 reporting year, a majority (55.1%) had up to 20 percent of their dropouts return to school by October 1, 1993 (Figure 4). Nearly one-third (32.1%) had between 20 and 40 percent returned dropouts, and nearly one-tenth (8.8%) had between 40 and 60 percent of their dropouts return. Six schools had between 60 and 80 percent returned dropouts, and another six had between 80 and 100 percent of their dropouts return.

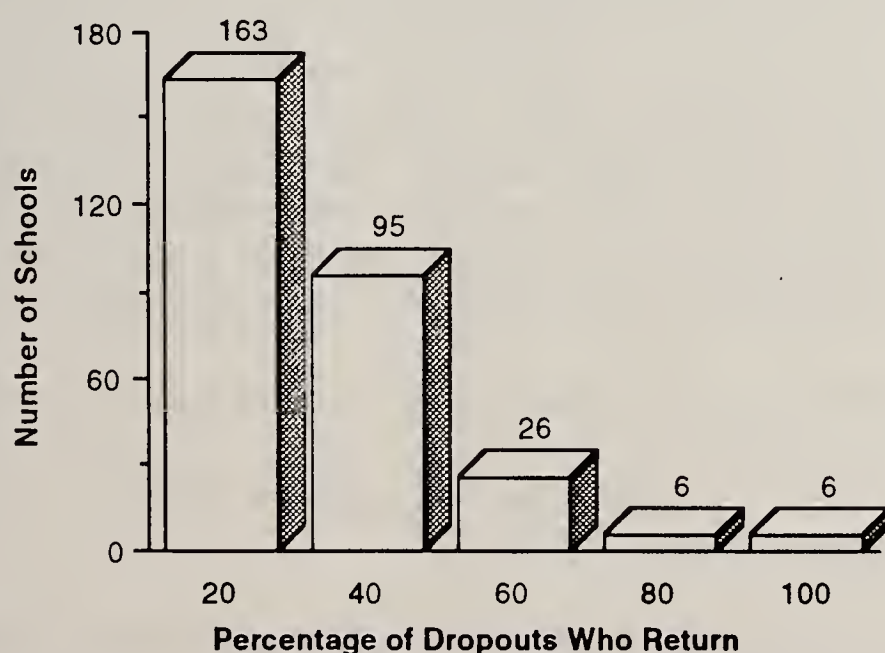
The distribution of returned dropouts also varied among specific populations of students (Table 1). The following figures reveal that certain students are more likely to return to school than others:

- *Grade* It appears that the more time students have invested in school the more likely they are to return to school. Of those ninth-graders who dropped out, 15.3

percent returned to school. This figure increases to 17.7 percent for tenth-graders, 19.1 percent for eleventh-graders, and 21.8 percent for twelfth-graders.

- *Gender* Male dropouts were more likely to return to school than female dropouts. Of all males who dropped out, 19.6 percent returned to school, while 16.6 percent of females who dropped out returned to school.
- *Race/Ethnicity* White and Native American students who dropped out were more likely to return to school than students of other racial/ethnic backgrounds. Of those white students who dropped out, 20.4 percent returned to school, and 20.0 percent of Native American dropouts returned to school. These groups were followed by Asian students, of whom 17.3 percent returned to school, and Hispanic students, of whom 15.6 percent returned to school. African-American students, of whom 13.9 percent returned to school, were the least likely to re-enroll.
- *Vocational Students* Students at vocational-technical schools were more likely to return to school than students statewide. Of those vocational students who dropped out, 22.5 percent returned to school.

Figure 4. Distribution of Returned Dropouts: 1993



Figures on the x-axis are the maximum of a range; eg. 20 equals 0.1% - 20%, 40 equals 20.1% - 40%, etc. Includes schools having any of the grades 9 through 12 which had dropouts.

Dropout Rates in Massachusetts Public Schools: 1993

Endnotes

1. The analysis of the distribution of dropout rates excludes schools with enrollments of less than 75 because dropout rates for schools with low enrollments are overly sensitive to small variations in the number of dropouts.
2. Numbers do not include vocational-technical students enrolled in comprehensive high schools.
3. Dropout data for students with special needs is derived from *Exit Data Report - A Headcount of Students Who Leave Special Education for 1993*.

Technical Information

Data Collection

Dropout figures were reported to the Department of Education in the Chapter 188 Individual School Report (1992-93). Individual public schools reported the number of students who dropped out over a 12-month period beginning July 1, 1992, and ending June 30, 1993. Schools subsequently reported the number of dropouts who returned to school by October 1, 1993, in a supplement to the *Individual School Report*, commonly referred to as the October Enrollment Report. As previously stated, in Massachusetts a dropout is defined as a student who leaves school prior to graduation for reasons other than transfer to another school. Dropouts were classified by gender within five racial/ethnic groups across grades six through twelve. State-wide dropout data are based on the responses of 310 public schools located in 252 school districts in the Commonwealth, representing all public schools, except Woburn which did not report data, that contain any of the grades nine through twelve.

Dropout Rate Formulas

Annual Dropout Rate

In Massachusetts, the annual dropout rate is calculated by comparing the number of dropouts over a single one-year period, from July 1 to June 30 of the following year, to the October 1 enrollment for that period. Enrollment data are derived from the *Individual School Report*. October 1, 1992, enrollment data were used to determine the 1993 annual dropout rate. Because students who drop out between July 1 and October 1 are counted as dropouts but are not included in the enrollment figure against which the number of dropouts is compared, the rates are slightly biased in an upwards direction to the degree to which students drop out prior to October 1.

Unadjusted Annual Dropout Rate = number of dropouts / October enrollment * 100

Example: statewide unadjusted annual dropout rate (1993) =
 $9,766 / 229,142 * 100 = 4.3\%$

Adjusted Annual Dropout Rate = (number of dropouts - returned dropouts) /
October enrollment * 100

Example: statewide adjusted annual dropout rate (1993) =
 $(9,766 - 1,791) / 229,142 * 100 = 3.5\%$

Projected Four-Year Dropout Rate

The projected four-year dropout rate is determined by calculating the cumulative effect of several years of dropping out according to the formula shown below.

Dropout Rates in Massachusetts Public Schools: 1993

$$\text{Projected Four-Year Dropout Rate} = [1 - (1 - W)(1 - X)(1 - Y)(1 - Z)] * 100$$

W = Annual Dropout Rate in Grade 9

X = Annual Dropout Rate in Grade 10

Y = Annual Dropout Rate in Grade 11

Z = Annual Dropout Rate in Grade 12

Example: Statewide Adjusted Projected Four-Year Dropout Rate (1993) =

$$[1 - (1 - .032)(1 - .038)(1 - .040)(1 - .030)] * 100 = 13\%$$

The methodology assumes that (1) current annual dropout rates for grades ten, eleven and twelve will remain constant over the next three years, and (2) students who drop out will not return to school ever for the unadjusted rate or after October 1 of the following year for the adjusted rate. The grade-specific dropout rates (W,X,Y and Z) vary according to the particular population being examined. Grade-specific dropout rates for individual schools and school districts, as well as projected four-year dropout rates for individual schools, are available from the Department of Education, Accountability and Evaluation Services.

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts*	Adjusted Rate (%)*
Abington	Abington High	3.1	2.5	1.2	1.2	1.0	520	5	3	0.6
	Agawam Jr High	1.4	2.1	1.2	--	--	--	--	--	--
Agawam	Agawam High	5.1	3.7	2.5	3.5	4.1	1,083	44	34	3.1
	Total	4.2	3.3	2.2	3.5	4.1	1,083	44	34	3.1
Amesbury	Amesbury High	5.3	5.8	3.1	3.7	2.6	613	16	15	2.4
Andover	Andover High	0.8	0.7	0.5	1.1	1.1	1,238	13	10	0.8
Arlington	Arlington High	0.7	1.4	0.9	1.4	0.8	950	8	8	0.8
Ashland	Ashland High	0.5	0.3	0.0	0.3	0.0	381	0	0	0.0
Attleboro	Attleboro High	7.6	7.4	6.6	5.5	7.1	1,159	82	69	6.0
	Attleboro Voc Tech High	10.5	11.9	10.9	10.2	10.3	351	36	29	8.3
	Total	8.3	8.4	7.7	6.7	7.8	1,510	118	98	6.5
Auburn	Auburn Sr High	1.6	1.0	1.2	0.7	0.9	573	5	3	0.5
Avon	Avon Middle/High	0.8	3.1	0.8	0.0	0.0	200	0	0	0.0
Ayer	Ayer Sr High	2.3	3.9	3.7	--	--	--	--	--	--
	Ayer Jr/Sr High	--	--	--	3.9	3.9	357	14	12	3.4
	Total	2.3	3.9	3.7	3.9	3.9	357	14	12	3.4
Barnstable	Barnstable High	6.2	5.3	4.0	4.7	6.7	1,494	100	57	3.8
Bedford	Bedford High	1.2	0.7	0.9	0.7	1.1	570	6	1	0.2
Belchertown	Belchertown High	3.5	2.2	1.6	1.7	3.2	437	14	6	1.4
Bellingham	Bellingham Memorial Jr/Sr	2.7	1.6	0.0	0.4	1.3	539	7	7	1.3
	Bellingham Alt Jr/Sr High	--	--	33.3	23.5	22.7	22	5	4	18.2
	Total	2.7	1.6	0.5	1.0	2.1	561	12	11	2.0
Belmont	Belmont High	0.0	0.4	1.2	0.7	0.7	767	5	4	0.5
Beverly	Beverly High	4.7	3.6	2.8	3.1	4.5	1,185	53	34	2.9
Billerica	Billerica Memorial High	2.9	2.3	1.9	2.2	1.1	1,424	16	12	0.8
Boston	William McKinley	28.1	35.3	31.4	13.8	26.9	197	53	41	20.8
	Brighton High	22.8	21.8	16.1	19.9	9.6	1,272	122	121	9.5
	Charlestown High	7.5	19.7	13.8	11.4	11.0	1,092	120	101	9.2

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts*	Adjusted Rate (%)*
	Dorchester High	23.4	18.6	21.3	14.4	18.0	988	178	157	15.9
	Jeremiah E Burke High	20.5	8.6	13.7	4.1	5.1	930	47	46	4.9
	East Boston High	11.0	9.4	12.8	9.8	8.5	1,142	97	86	7.5
	The English High	8.1	13.2	17.6	14.5	10.3	1,472	151	132	9.0
	Madison Park High	12.7	9.0	11.0	15.4	11.7	1,822	213	213	11.7
	Boston Latin Academy	0.1	0.2	1.1	0.7	0.3	890	3	3	0.3
	Hyde Park High	7.9	14.7	11.3	7.4	8.5	1,045	89	76	7.3
	Jamaica Plain High	27.9	--	--	--	--	--	--	--	--
	Boston Latin	0.1	0.0	0.1	0.0	0.1	1,512	1	1	0.1
	South Boston High	12.9	15.4	17.3	15.7	14.1	1,206	170	130	10.8
	West Roxbury Sch	13.8	10.1	2.1	1.6	5.2	1,450	75	65	4.5
	Boston Tech High	3.1	1.8	1.5	3.3	1.7	986	17	17	1.7
	Mario Umana Harbor	7.0	--	--	--	--	--	--	--	--
	Boston High	11.2	15.4	16.3	14.4	11.9	1,120	133	133	11.9
	Snowden Int'L High	5.2	2.5	2.7	2.0	4.7	532	25	24	4.5
	Horace Mann	--	--	3.3	3.8	3.4	29	1	1	3.4
	Total	11.3	11.0	10.7	9.6	8.5	17,685	1,495	1,347	7.6
	Bourne High	1.9	2.3	1.0	1.4	1.8	542	10	10	1.8
	Braintree High	3.1	2.9	1.7	1.8	1.7	1,156	20	11	1.0
	Lincoln Altern Sch	--	--	13.3	33.3	43.2	37	16	13	35.1
	Brockton High	8.8	9.3	8.4	8.2	9.2	3,063	282	265	8.7
	Ithaka Altern High	37.0	20.8	--	--	--	--	--	--	--
	Total	9.2	9.5	8.4	8.5	9.6	3,100	298	278	9.0
	Brookline High	1.7	0.9	0.4	0.9	0.6	1,679	10	9	0.5
	Burlington High	0.7	1.0	0.5	0.3	0.6	933	6	4	0.4
	Cambridge Rindge & Latin	5.6	5.0	2.5	4.1	4.3	2,038	88	81	4.0
	Canton High	1.8	1.6	0.5	1.0	1.2	655	8	7	1.1
	Chatham High	0.0	1.8	0.6	1.8	1.9	160	3	2	1.3

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts *	Adjusted Rate (%) *
Chelmsford	Chelmsford High	2.1	0.9	1.3	1.2	0.9	1,463	13	9	0.6
Chelsea	Chelsea High	17.6	20.1	13.3	8.5	11.3	838	95	71	8.5
Chicopee	Chicopee High	10.3	5.8	7.1	7.1	6.1	939	57	51	5.4
	Chicopee Comprehensive HS	6.1	7.4	4.8	6.7	7.4	1,300	96	70	5.4
	Total	7.9	6.7	5.8	6.9	6.8	2,239	153	121	5.4
Clinton	Clinton Sr High	4.4	3.3	3.1	3.3	3.0	435	13	13	3.0
Cohasset	Cohasset Jr/Sr High	0.3	0.3	0.3	0.7	0.0	306	0	0	0.0
Danvers	Danvers High	1.9	0.7	0.9	0.5	1.1	754	8	6	0.8
	Danvers Altern High	40.0	16.7	23.8	19.2	15.4	26	4	1	3.8
	Total	2.8	1.2	1.5	1.2	1.5	780	12	7	0.9
Dartmouth	Dartmouth High	2.2	3.1	1.4	1.8	1.2	1,100	13	12	1.1
Dedham	Dedham High	3.3	0.9	1.8	1.5	1.2	663	8	5	0.8
Douglas	Douglas Memorial High	3.9	3.8	2.3	3.3	2.2	184	4	3	1.6
Dracut	Dracut Sr High	2.7	2.8	3.4	2.0	3.4	885	30	23	2.6
Duxbury	Duxbury High	0.7	0.7	0.4	0.3	0.7	738	5	3	0.4
East Bridgewater	East Bridgewater High	2.5	2.3	2.0	0.3	0.0	0	13	11	0.0
Easthampton	Easthampton High	5.4	3.7	2.3	3.5	4.2	522	22	20	3.8
East Longmeadow	East Longmeadow High	2.6	1.1	1.1	0.9	0.8	662	5	5	0.8
Easton	Easton Jr High	0.4	0.0	0.0	0.0	0.0	213	0	0	0.0
	Oliver Ames High	1.8	0.7	0.5	0.8	0.8	630	5	5	0.8
	Total	1.5	0.5	0.3	0.6	0.6	843	5	5	0.6
Everett	Everett High	4.1	3.9	3.4	6.1	5.7	1,179	67	59	5.0
Fairhaven	Fairhaven High	3.6	5.7	5.3	5.1	4.7	611	29	18	2.9
Fall River	B M C Durfee High	9.2	11.1	9.9	10.7	10.0	2,778	278	241	8.7
Falmouth	Falmouth High	7.3	4.7	5.0	4.0	4.2	1,325	55	49	3.7
Fitchburg	Fitchburg High	8.5	8.3	6.1	7.4	7.7	883	68	30	3.4
Foxborough	Foxborough High	4.0	1.7	1.5	2.4	1.4	633	9	9	1.4

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts *	Adjusted Rate (%) *
Framingham	Framingham North High	1.7	1.8	2.0	--	--	--	--	--	--
	Framingham South High	3.4	5.9	3.5	--	--	--	--	--	--
	Framingham High	--	--	--	3.8	4.6	1,731	79	55	3.2
	Total	2.5	3.7	2.7	3.8	4.6	1,731	79	55	3.2
Franklin	Franklin High	2.4	1.8	2.3	1.3	1.5	786	12	8	1.0
Gardner	Gardner High	5.4	4.8	4.5	3.1	3.4	638	22	18	2.8
Georgetown	Georgetown Jr/Sr High	0.3	0.7	0.7	1.1	1.4	296	4	4	1.4
Gloucester	Gloucester High	6.4	6.3	4.1	3.7	5.3	956	51	35	3.7
	Gloucester Alt High	--	--	--	38.5	40.0	15	6	3	20.0
	Total	6.4	6.3	4.1	4.2	5.9	971	57	38	3.9
Grafton	Grafton Memorial Sr	2.6	2.5	3.9	2.0	2.7	447	12	5	1.1
Granby	Granby Jr/Sr High Sch	1.6	2.1	4.1	2.8	0.4	229	1	1	0.4
Greenfield	Greenfield Sr High	4.7	5.3	4.0	6.8	8.7	634	55	43	6.8
Hadley	Hopkins Academy	0.0	1.5	0.0	0.0	0.0	135	0	0	0.0
Hanover	Hanover High	1.2	1.6	0.9	0.8	0.4	512	2	2	0.4
Harvard	Bromfield	0.4	0.4	0.4	0.4	0.0	251	0	0	0.0
Harwich	Harwich High	2.2	1.9	1.6	1.0	0.9	341	3	3	0.9
Hatfield	Smith Academy	0.0	0.0	0.9	2.0	2.9	105	3	3	2.9
Haverhill	Haverhill High	5.1	4.9	5.1	4.2	4.6	1,466	68	51	3.5
Hingham	Hingham High	0.3	0.5	0.2	0.1	0.0	849	0	0	0.0
Holbrook	Holbrook Jr/Sr High	2.3	2.3	3.1	0.9	0.6	318	2	2	0.6
Holliston	Holliston High	1.0	0.3	0.3	0.3	0.6	722	4	3	0.4
Holyoke	Dr Wm R Peck	1.7	--	--	--	--	--	--	--	--
	John J Lynch Jr High	1.3	--	--	--	--	--	--	--	--
	Holyoke High	10.4	10.9	14.3	9.2	12.6	1,134	143	125	11.0
	Wm J Dean Voc Tech High	3.4	8.3	5.6	6.9	6.6	701	46	27	3.9
	Total	8.2	10.2	11.5	8.4	10.3	1,835	189	152	8.3
Hopedale	Hopedale Jr/Sr High	0.9	1.0	0.5	1.0	1.0	203	2	2	1.0

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts *	Adjusted Rate (%) *
Hopkinton	Hopkinton Jr/Sr High	0.6	0.7	0.3	0.4	0.0	292	0	0	0.0
Hudson	Hudson High	1.6	3.9	3.5	2.2	2.3	512	12	9	1.8
Hull	Hull Jr/Sr High	6.2	2.7	2.8	3.2	1.9	367	7	5	1.4
Ipswich	Ipswich High	3.3	2.1	1.9	1.5	0.7	413	3	3	0.7
Lawrence	Lawrence High	13.7	15.6	14.3	19.9	15.7	1,926	303	269	14.0
Lee	Lee High	1.7	1.5	0.3	0.0	0.3	297	1	1	0.3
Leicester	Leicester High	3.6	3.6	3.3	2.4	3.2	376	12	8	2.1
Lenox	Lenox Memorial High	0.0	0.9	1.3	0.9	0.4	234	1	1	0.4
Leominster	Leominster Sr High	3.5	4.6	4.1	3.8	5.4	1,063	57	53	5.0
	Leominster High Trade	5.3	5.3	6.0	4.4	7.8	386	30	25	6.5
	Total	3.9	4.7	4.5	3.9	6.0	1,449	87	78	5.4
Lexington	Lexington High	1.0	0.5	0.1	0.4	0.5	1,322	6	1	0.1
Littleton	Littleton Jr/Sr High	3.0	1.9	0.8	0.9	0.5	222	1	1	0.5
Longmeadow	Longmeadow High	1.2	0.7	0.0	0.7	0.5	857	4	4	0.5
Lowell	Lowell High	11.3	9.0	5.4	5.9	4.2	2,277	96	70	3.1
Ludlow	Ludlow Sr High	1.8	2.6	0.7	1.5	2.3	833	19	14	1.7
Lunenburg	Lunenburg High	1.2	1.1	2.2	3.0	2.3	475	11	9	1.9
Lynn	Breed Jr High	--	0.0	--	--	--	--	--	--	--
	Classical High	18.7	12.5	6.6	7.1	7.1	624	44	39	6.3
	Lynn English High	10.2	17.1	10.3	11.4	11.0	1,221	134	121	9.9
	JB Flood Altern High	15.0	22.9	--	--	--	--	--	--	--
	O'Keefe Altern High	--	--	23.7	23.3	6.5	31	2	2	6.5
	Lynn Voc Tech Inst	6.3	5.8	4.5	5.3	4.1	863	35	33	3.8
	Total	10.9	12.6	7.8	8.7	7.8	2,739	215	195	7.1
Lynnfield	Lynnfield High	0.9	0.9	1.0	1.0	0.8	378	3	3	0.8
Malden	Malden High	4.8	5.5	6.6	7.5	5.3	1,290	69	27	2.1
Manchester	Manchester Jr/Sr High	0.5	0.5	0.0	1.1	1.8	219	4	4	1.8
Mansfield	Mansfield High	3.5	1.0	1.3	3.3	2.4	662	16	13	2.0

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts*	Adjusted Rate (%)
Marblehead	Marblehead High	1.4	0.6	0.3	0.5	0.6	658	4	2	0.3
Marlborough	Marlborough High	5.9	4.7	2.8	5.4	2.7	875	24	21	2.4
Marshfield	Marshfield High	2.3	2.0	1.5	1.4	1.6	1,029	16	13	1.3
Maynard	Maynard High	1.2	3.3	2.8	2.9	3.9	204	8	8	3.9
Medfield	Medfield Sr High	0.4	0.2	0.5	0.5	0.0	459	0	0	0.0
Medford	Medford High	3.2	2.2	2.3	2.3	1.4	1,190	17	13	1.1
	Curtis-Tufts	13.9	17.1	28.6	29.0	15.0	40	6	2	5.0
	Medford Voc Tech High	3.2	3.6	2.6	4.4	1.6	256	4	4	1.6
	Total	3.4	2.8	3.0	3.3	1.8	1,486	27	19	1.3
Medway	Medway High	1.4	0.6	0.5	0.7	0.7	456	3	2	0.4
Melrose	Melrose High	1.3	0.7	0.7	0.5	0.6	1,022	6	6	0.6
Methuen	Methuen High	6.8	5.3	5.0	7.3	6.1	1,420	86	75	5.3
Middleborough	Middleborough High	2.5	2.2	1.6	2.7	2.8	819	23	19	2.3
Milford	Milford High	2.0	2.1	2.6	2.8	2.9	1,012	29	21	2.1
Millbury	Millbury Memorial High	4.6	2.5	2.8	3.4	5.5	382	21	15	3.9
Millis	Millis High	2.5	1.9	0.0	0.0	2.8	246	7	2	0.8
Milton	Milton High	1.3	0.6	0.6	0.9	0.4	707	3	1	0.1
Monson	Monson Jr/Sr High	2.6	3.2	1.9	2.2	2.1	282	6	5	1.8
Nantucket	Nantucket High	0.5	0.9	0.5	0.0	1.5	194	3	3	1.5
Natick	Natick High	2.2	1.7	1.4	1.4	0.9	922	8	5	0.5
	East School Alternative	--	--	0.0	6.3	9.1	11	1	1	9.1
	Total	2.2	1.7	1.4	1.5	1.0	933	9	6	0.6
Needham	Needham High	2.2	0.4	0.0	0.4	0.2	962	2	2	0.2
New Bedford	New Bedford High	9.6	8.5	9.3	9.1	11.0	3,177	349	324	10.2
	New Bedford Alt Jr/Sr High	--	--	--	37.5	44.0	50	22	22	44.0
	Total	9.6	8.5	9.3	9.5	11.5	3,227	371	346	10.7
Newburyport	Newburyport High	2.8	3.1	2.2	4.5	4.6	610	28	23	3.8

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts *	Adjusted Rate (%) *
Newton	Newton North High	2.9	1.4	1.0	1.1	0.6	1,657	10	6	0.4
	Newton South High	0.5	1.5	0.1	0.6	0.8	1,015	8	6	0.6
North Adams	Total	2.0	1.5	0.6	0.9	0.7	2,672	18	12	0.4
	Drury High	6.3	7.4	6.5	5.2	5.7	562	32	23	4.1
Northampton	Northampton High	4.3	4.0	3.1	3.6	3.8	811	31	26	3.2
North Andover	North Andover High	1.1	2.2	2.0	2.3	1.3	835	11	8	1.0
North Attleborough	North Attleboro High	4.8	2.3	2.6	2.0	3.1	897	28	26	2.9
Northbridge	Northbridge Jr-Sr High	5.1	5.5	6.1	3.8	3.6	445	16	8	1.8
North Brookfield	North Brookfield High	4.4	2.5	3.1	5.3	2.5	201	5	3	1.5
North Reading	North Reading Jr High	--	--	0.0	--	--	--	--	--	--
Norton	North Reading High	1.6	2.1	1.0	0.6	1.3	459	6	5	1.1
	Total	1.6	2.1	0.8	0.6	1.3	459	6	5	1.1
Norwell	Norton High	4.3	3.7	4.3	1.9	4.3	507	22	14	2.8
Norwood	Norwell High	0.7	1.0	0.0	0.0	0.5	437	2	2	0.5
	Norwood High	2.3	1.5	1.4	1.9	2.7	954	26	18	1.9
Oxford	Henry O Peabody	0.0	--	--	--	--	--	--	--	--
	Total	2.0	1.5	1.4	1.9	2.7	954	26	18	1.9
Palmer	Oxford High	2.5	1.1	0.8	1.2	0.6	503	3	3	0.6
Peabody	Palmer High	0.5	1.3	0.8	1.3	1.6	438	7	7	1.6
	Veterans Memorial High	3.1	4.1	3.1	4.8	3.4	1,461	49	34	2.3
Pittsfield	Peabody Altern High	29.4	16.0	27.3	37.5	36.8	19	7	5	26.3
	Peabody Vocational High	10.7	6.6	7.4	6.7	7.7	117	9	9	7.7
	Total	4.2	4.5	3.7	5.3	4.1	1,597	65	48	3.0
	Pittsfield High	5.2	4.4	3.3	2.9	4.1	895	37	34	3.8
	Taconic High	6.1	3.8	3.5	1.8	8.1	504	41	34	6.7
	Hibbard Alternative	36.1	35.5	35.2	35.6	41.9	74	31	31	41.9
	Pittsfield Vocational	6.3	6.6	4.9	6.6	6.3	334	21	16	4.8
	Total	6.6	5.7	4.8	4.6	7.2	1,807	130	115	6.4

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts*	Adjusted Rate (%)*
Provincetown Quincy	Provincetown High	3.6	4.2	4.0	0.8	4.1	123	5	4	3.3
	Quincy High	5.7	5.1	8.1	2.0	2.4	1,171	28	22	1.9
	North Quincy High	1.4	1.7	2.1	3.1	2.2	1,119	25	18	1.6
	Quincy Voc Tech	2.2	2.0	--	--	--	--	--	--	--
Randolph Reading Revere	Total	3.3	3.1	5.2	2.6	2.3	2,290	53	40	1.7
	Randolph Jr/Sr High	3.5	2.6	2.8	2.8	3.7	947	35	24	2.5
	Reading Memorial High	1.3	1.3	1.1	1.5	2.9	984	29	25	2.5
	Revere High	4.9	7.9	6.5	5.3	5.0	922	46	36	3.9
Rockland Rockport	Rockland Sr High	2.6	1.3	2.7	2.1	2.1	667	14	11	1.6
	Rockport Sr High	2.5	1.4	0.5	--	--	--	--	--	--
	Rockport Middle/High	--	--	--	0.4	1.3	235	3	3	1.3
	Total	2.5	1.4	0.5	0.4	1.3	235	3	3	1.3
Salem Sandwich Saugus	Salem High	8.2	6.7	6.1	3.3	8.0	1,092	87	71	6.5
	Sandwich High	1.0	1.8	2.5	3.0	0.9	740	7	7	0.9
	Saugus High	0.7	2.1	0.0	1.0	1.9	828	16	9	1.1
	Scituate High	2.9	1.5	0.9	1.0	0.9	632	6	5	0.8
Seekonk Sharon Shrewsbury	Seekonk High	1.7	2.3	2.3	0.9	2.0	537	11	6	1.1
	Sharon High	0.9	1.0	0.3	0.7	0.4	683	3	2	0.3
	Shrewsbury Sr High	2.6	2.3	2.5	1.4	2.9	860	25	20	2.3
	Somerset High	2.7	3.1	2.4	2.1	1.4	988	14	11	1.1
Somerville	Next Wave Jr High	8.3	42.9	0.0	0.0	--	--	--	--	--
	Somerville High	4.7	4.1	4.8	6.0	6.6	1,908	125	99	5.2
	Full Circle High	49.1	45.0	27.8	35.9	31.7	60	19	14	23.3
	Total	6.0	5.5	5.4	7.0	7.3	1,968	144	113	5.7
Southbridge South Hadley	Southbridge High	10.0	8.7	10.6	4.9	11.3	503	57	51	10.1
	South Hadley High	2.2	1.6	1.3	0.4	0.3	577	2	1	0.2

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts*	Adjusted Rate (%)
Springfield	Chestnut Street Jr High	6.2	4.5	0.0	--	--	--	--	--	--
	John J Duggan Jr High	5.7	1.1	3.1	--	--	--	--	--	--
	Forest Park Jr High	5.1	4.1	0.0	--	--	--	--	--	--
	John F Kennedy Jr High	2.5	8.6	1.9	--	--	--	--	--	--
	M Marcus Kiley Jr High	2.0	1.3	1.1	--	--	--	--	--	--
	Van Sickle Jr High	6.5	0.9	2.0	--	--	--	--	--	--
	Bridge Academy Jr & Sr	63.4	41.3	55.0	74.5	61.9	126	78	63	50.0
	Springfield Central High	2.7	8.5	3.9	2.8	2.9	2,677	78	59	2.2
	High School of Commerce	20.1	14.1	12.7	9.3	18.4	1,747	322	304	17.4
	Putnam Voc Tech High	22.3	16.3	15.9	7.9	17.1	1,487	255	189	12.7
	Total	12.1	10.5	9.0	7.1	12.1	6,037	733	615	10.2
Stoneham	Stoneham High	2.3	1.3	1.2	0.9	0.9	771	7	7	0.9
Stoughton	Stoughton High	4.4	2.5	2.9	1.7	3.1	1,079	33	26	2.4
Sutton	Sutton High	2.9	4.0	2.0	1.2	1.1	261	3	2	0.8
Swampscott	Swampscott High	0.9	1.4	0.5	1.2	0.7	593	4	2	0.3
Swansea	Joseph Case High	5.1	6.3	4.1	3.4	2.4	655	16	15	2.3
Taunton	Taunton High	13.1	8.2	5.6	1.5	7.8	1,468	114	98	6.7
Tewksbury	Tewksbury Memorial High	2.6	3.1	1.2	1.1	2.3	903	21	18	2.0
Tyngsborough	Tyngsborough Jr/Sr High	3.4	2.1	0.4	1.0	1.7	356	6	5	1.4
Uxbridge	Uxbridge High	5.4	3.7	1.9	2.3	3.0	362	11	10	2.8
Wakefield	Wakefield Memorial High	0.9	1.5	2.5	1.0	2.9	903	26	26	2.9
Walpole	Walpole High	0.6	0.6	0.5	0.3	0.5	773	4	4	0.5
Waltham	Waltham Sr High	4.3	3.1	2.6	3.7	3.6	1,400	50	29	2.1
	Waltham Vocational High	10.8	10.6	9.1	13.5	10.7	131	14	14	10.7
	Total	4.9	3.8	3.3	4.7	4.2	1,531	64	43	2.8
Ware	Ware High	4.3	2.7	5.8	4.4	6.0	268	16	13	4.9
Wareham	Wareham Sr High	5.0	2.7	1.6	1.8	2.0	695	14	8	1.2
Watertown	Watertown High	1.6	2.5	1.6	2.0	2.7	716	19	18	2.5

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts*	Adjusted Rate (%)
Wayland	Wayland High	1.2	0.0	0.2	0.3	0.3	597	2	0	0.0
Webster	Bartlett Jr/Sr High	2.7	4.3	2.4	4.8	4.9	530	26	16	3.0
Wellesley	Wellesley Sr High	0.1	0.2	0.3	0.8	0.3	763	2	1	0.1
Westborough	Westborough High	0.7	1.4	0.5	0.7	1.2	592	7	7	1.2
West Boylston	West Boylston Jr/Sr High	0.8	1.4	1.0	1.0	0.9	235	2	2	0.9
West Bridgewater	West Bridgewater Jr/Sr	2.2	2.0	0.7	1.5	4.0	250	10	10	4.0
Westfield	Westfield High	3.3	3.3	5.4	4.1	6.4	1,352	86	70	5.2
	Westfield Alternative	39.3	31.0	21.1	77.3	0.0	17	0	0	0.0
	Westfield Voc High	5.9	10.0	6.4	8.6	4.9	263	13	11	4.2
	Total	4.2	4.8	5.7	5.9	6.1	1,632	99	81	5.0
Westford	Westford Academy	0.6	1.0	0.9	1.2	0.7	816	6	3	0.4
Weston	Weston High	0.8	0.5	0.5	0.2	0.0	437	0	0	0.0
Westport	Westport High	4.4	2.9	2.5	2.4	3.6	472	17	13	2.8
West Springfield	West Springfield High	5.2	4.6	4.3	3.1	5.4	1,031	56	43	4.2
Westwood	Westwood High	1.0	0.4	0.2	0.2	0.0	488	0	0	0.0
Weymouth	East Jr High	--	--	0.0	--	--	--	--	--	--
	South Jr High	--	--	0.5	--	--	--	--	--	--
	Weymouth Jr High	--	--	--	0.9	0.2	426	1	1	0.2
	Weymouth High/Voc Tech	3.9	2.6	3.0	5.6	4.5	1,365	61	44	3.2
	Weymouth South High	2.1	2.5	--	--	--	--	--	--	--
	Weymouth Altern Sr High	33.3	--	--	--	--	--	--	--	--
	Weymouth Voc Tech High	2.6	2.1	--	--	--	--	--	--	--
	Total	3.1	2.5	2.4	4.5	3.5	1,791	62	45	2.5
Wilmington	Wilmington High	1.3	1.5	0.7	1.5	2.7	678	18	14	2.1
Winchendon	Murdock High	7.3	3.6	5.0	3.6	5.4	276	15	15	5.4
Winchester	Winchester High	1.1	0.4	0.7	0.5	0.9	796	7	5	0.6
Winthrop	Winthrop Sr High	0.9	1.3	0.7	1.3	0.4	536	2	1	0.2
Woburn	Woburn High	3.0	2.8	1.6	1.5	--	--	--	--	--

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts *	Adjusted Rate (%) *
Worcester	Burncoat Senior High	14.8	10.8	6.4	8.8	9.2	1,053	97	87	8.3
	Doherty Memorial High	7.9	6.2	6.1	6.3	7.2	1,181	85	79	6.7
	North High	13.3	16.0	13.1	11.1	6.2	868	54	26	3.0
	South High Community Total	15.9	8.7	10.8	7.2	11.8	1,146	135	122	10.6
Northampton-Smith	Smith Voc & Agr High	12.8	9.9	8.8	8.1	8.7	4,248	371	314	7.4
Worcester Trade Complex	Worcester Voc High	3.7	2.8	2.2	1.9	2.9	478	14	12	2.5
	David Hale Fanning Trade Total	2.9	2.4	0.0	1.7	6.0	878	53	36	4.1
		7.0	4.2	0.0	--	0.0	0	0	0	0.0
		4.6	3.1	0.0	1.7	6.0	878	53	36	4.1
Acton-Boxborough	Acton-Boxborough Reg High	0.9	0.7	0.5	0.5	0.2	1,186	2	2	0.2
Adams-Cheshire	Hoosac Valley High	3.4	2.9	2.6	1.9	3.9	492	19	17	3.5
Amherst-Pelham	Amherst Reg Jr High	0.0	0.0	0.0	0.0	0.4	243	1	1	0.4
	Amherst Reg High Total	2.9	2.8	3.6	5.4	5.1	738	38	34	4.6
		2.3	2.1	2.7	4.1	4.0	981	39	35	3.6
		3.1	2.6	1.9	2.8	2.1	579	12	12	2.1
Ashburnham-Westminster	Oakmont Reg High	4.6	6.5	5.2	6.8	5.5	543	30	24	4.4
Athol-Royalston	Monument Mt Reg High	2.2	4.1	4.2	2.5	2.2	594	13	11	1.9
Berkshire Hills	Tahanto Reg High	1.0	2.2	1.2	0.5	1.0	201	2	1	0.5
Berlin-Boylston	Blackstone Millville Reg	5.6	4.8	6.1	3.8	5.3	431	23	17	3.9
Blackstone-Millville	Bridgewater-Raynham Reg	4.4	2.6	2.9	1.5	1.8	1,377	25	3	0.2
Bridgewater-Raynham	Wahconah Reg High	2.8	3.3	2.0	3.0	3.0	666	20	14	2.1
Central Berkshire	Concord-Carlisle High	1.6	0.7	0.6	0.2	0.4	854	3	1	0.1
Concord-Carlisle	Dennis-Yarmouth Reg High	6.3	6.2	5.1	6.8	5.1	1,053	54	26	2.5
Dennis-Yarmouth	Dighton-Rehoboth Reg High	3.4	4.1	2.0	3.2	1.5	739	11	8	1.1
Dighton-Rehoboth	Dover-Sherborn Reg High	0.2	0.3	0.0	0.2	0.0	411	0	0	0.0
Dover-Sherborn	Shepherd Hill Reg High	5.2	4.6	3.0	3.0	4.7	792	37	29	3.7
Dudley-Charlton Reg	Nauset Reg High	1.5	1.8	3.2	2.1	2.9	769	22	16	2.1
Nauset	Apponequet Reg High	4.4	3.0	2.5	3.1	1.6	765	12	11	1.4
Freetown-Lakeville										

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts*	Adjusted Rate (%)*
Frontier	Frontier Reg	1.2	1.8	0.6	1.9	0.6	342	2	2	0.6
Gateway	Gateway Reg High	4.0	5.1	4.9	2.8	3.7	354	13	9	2.5
Groton-Dunstable	Groton-Dunstable Reg	0.8	1.6	1.2	1.2	2.2	358	8	7	2.0
Gill-Montague	Turners Fall High	6.2	4.2	5.9	0.3	3.5	375	13	12	3.2
Hamilton-Wenham	Hamilton-Wenham Reg High	1.6	1.3	0.8	0.9	0.9	682	6	5	0.7
Hampden-Wilbraham	Minnechaug Reg High	1.4	0.9	0.8	1.6	0.9	845	8	8	0.9
Hampshire	Hampshire Reg High	2.0	1.4	1.8	1.3	2.2	402	9	9	2.2
King Philip	King Philip Reg High	1.6	2.4	1.6	1.1	1.6	813	13	10	1.2
	King Philip Reg Voc Tech	4.0	3.1	--	--	--	--	--	--	--
	Total	2.2	2.6	1.6	1.1	1.6	813	13	10	1.2
Lincoln-Sudbury	Lincoln-Sudbury Reg High	0.4	0.8	0.0	0.5	0.4	901	4	4	0.4
Marthas Vineyard	Marthas Vineyard Reg High	1.5	3.4	3.0	3.2	3.7	483	18	13	2.7
Masconomet	Masconomet Reg Jr/Sr High	2.0	1.2	0.9	1.1	2.0	786	16	13	1.7
Mendon-Upton	Nipmuc Reg High	0.7	0.0	0.3	0.0	0.0	313	0	0	0.0
Mount Greylock	Mt Greylock Reg High	2.6	3.0	0.6	1.2	1.4	428	6	5	1.2
Mohawk Trail	Mohawk Trail Reg High	4.5	2.8	4.0	3.7	4.1	418	17	10	2.4
Narragansett	Narragansett Reg High	2.5	3.6	2.9	2.9	2.7	376	10	10	2.7
Nashoba	Nashoba Reg High	1.5	2.6	1.0	1.3	1.2	671	8	7	1.0
Northboro-Southboro	Algonquin Reg High	1.9	2.2	0.7	1.2	0.8	830	7	6	0.7
North Middlesex	North Middlesex Reg High	4.0	1.5	1.3	2.5	1.9	1,098	21	15	1.4
Old Rochester	Old Rochester Reg High	2.1	1.1	0.4	1.1	1.2	579	7	7	1.2
Pentucket	Pentucket Reg Jr High	0.0	0.0	0.0	--	--	--	--	--	--
	Pentucket Reg Sr High	2.0	1.6	0.7	0.8	1.0	629	6	6	1.0
	Total	1.5	1.2	0.5	0.8	1.0	629	6	6	1.0
Pioneer Valley	Pioneer Valley Reg	1.5	1.8	0.9	0.5	1.2	245	3	2	0.8
Plymouth-Carver	Plymouth-North High	4.6	5.3	4.4	5.4	4.2	944	40	29	3.1
	Carver High	0.7	4.8	2.6	2.3	2.8	501	14	11	2.2
	Plymouth South High	3.4	8.4	0.8	5.7	2.9	757	22	15	2.0

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts *	Adjusted Rate (%) *
Quabbin	Plymouth South Technical	--	8.2	3.2	4.4	6.0	436	26	23	5.3
	Total	3.3	6.7	2.8	4.7	3.9	2,638	102	78	3.0
	Quabbin Reg Jr/Sr	2.7	3.1	3.5	3.6	5.3	564	30	20	3.5
	Ralph C Mahar Reg	6.6	7.3	4.1	7.4	6.3	445	28	19	4.3
	Silver Lake	--	--	--	0.2	0.3	384	1	1	0.3
Southern Berkshire	Silver Lake Reg High	3.2	1.4	3.3	6.0	5.7	1,120	64	35	3.1
	Total	3.2	1.4	3.3	4.4	4.3	1,504	65	36	2.4
	Mt Everett Reg	3.7	4.1	3.5	2.0	5.0	258	13	7	2.7
	Southwick High	3.5	3.6	2.9	4.0	3.9	438	17	11	2.5
	David Prouty High	3.9	3.2	2.9	3.9	3.3	551	18	14	2.5
Spencer E Brookfield	Tantasqua Reg Jr High	5.8	3.6	2.3	0.5	0.5	205	1	1	0.5
	Tantasqua Reg Sr High	6.5	3.4	1.9	6.2	2.4	505	12	10	2.0
	Tantasqua Reg Voc	8.6	3.7	3.4	10.4	12.7	126	16	12	9.5
	Total	6.7	3.5	2.2	5.6	3.5	836	29	23	2.8
	Triton Reg High	3.3	3.6	2.1	2.2	3.7	643	24	19	3.0
Wachusett	Wachusett Reg High	2.7	1.8	1.1	1.8	2.3	1,428	33	29	2.0
	Quaboag Reg High	3.6	5.8	1.3	6.0	4.9	347	17	13	3.7
	Whitman-Hanson	3.0	2.4	1.6	2.6	2.3	973	22	19	2.0
	Assabet Valley	0.0	3.1	3.6	3.8	2.7	766	21	19	2.5
	Blackstone Valley Reg	3.7	5.5	3.5	0.7	2.7	701	19	14	2.0
Blue Hills Voc	Blue Hills Reg Voc Tech	6.0	4.9	2.6	2.4	1.8	998	18	15	1.5
	Bristol-Plymouth Voc Tech	0.7	0.6	0.3	1.2	1.6	747	12	8	1.1
	Cape Cod Reg Voc Tech	10.7	11.3	7.3	8.9	10.8	474	51	40	8.4
	Franklin County	7.5	6.5	9.0	10.1	11.1	414	46	39	9.4
	Diman Reg Voc Tech High	1.1	2.0	1.6	1.6	1.0	1,049	11	9	0.9
Greater Lawrence	Gr Lawrence Reg Voc Tech	6.0	5.0	5.1	3.4	4.5	1,448	65	56	3.9
	Gr New Bedford	4.4	2.1	0.9	1.3	0.6	1,684	10	5	0.3
	Gr Lowell Reg Voc Tec	7.2	7.1	3.7	3.9	3.7	2,031	75	63	3.1

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Annual Dropout Rates by School and District

District	School	1989 Rate (%)	1990 Rate (%)	1991 Rate (%)	1992 Rate (%)	1993				
						Unadjusted Rate (%)	10/1/92 Enroll.	Unadjusted Number Dropouts	Adjusted Number Dropouts*	Adjusted Rate (%)*
S Middlesex Voc Tech Reg	Joseph P Keefe Tech High	9.5	6.8	4.6	2.5	2.6	624	16	12	1.9
Minute Man Voc Tech	Minute Man Voc Tech High	4.3	0.0	0.0	1.7	0.7	592	4	4	0.7
Montachusett Voc Tech	Montachusett Voc Tech	9.5	7.1	5.8	5.6	5.4	996	54	45	4.5
Northern Berkshire Voc	Charles McCann Voc Tech	1.5	0.8	1.6	0.8	0.5	380	2	1	0.3
Nashoba Valley Tech	Nashoba Valley Tech High	3.6	4.1	4.5	4.5	4.5	446	20	17	3.8
Northeast Metro Voc	Northeast Metro Reg Voc	1.2	0.2	1.8	1.6	2.0	1,066	21	15	1.4
North Shore Reg Voc	North Shore Reg Voc	9.4	15.4	17.2	13.5	7.6	381	29	23	6.0
Old Colony Voc Tech	Old Colony Reg Voc Tech	3.3	0.8	2.0	1.6	1.3	455	6	6	1.3
Pathfinder Voc Tech	Pathfinder Voc Tech	5.9	2.8	5.8	6.2	3.4	523	18	14	2.7
Shawsheen Valley Voc Tech	Shawsheen Valley Voc Tech	3.1	2.9	3.2	2.5	3.4	1,006	34	25	2.5
Southeastern Reg Voc Tech	Southeastern Reg Voc Tech	2.3	1.8	2.3	2.8	4.1	1,158	48	36	3.1
South Shore Reg Voc Tech	So Shore Voc Tech High	5.0	1.5	2.7	3.7	2.4	421	10	10	2.4
S Worcester County Voc	Bay Path Reg Voc Tech HS	7.2	3.5	3.4	1.8	2.7	983	27	26	2.6
Tri County	Tri County Reg Voc Tech	3.1	2.2	0.3	2.1	1.8	731	13	11	1.5
Upper Cape Cod Voc Tech	Upper Cape Cod Voc Tech	3.1	6.5	2.6	0.9	4.5	446	20	0	0.0
Whittier Voc	Whittier Reg Voc	6.4	5.7	7.3	2.6	2.7	932	25	16	1.7
Bristol County Agr	Bristol County Agr High	4.6	2.9	6.9	5.4	4.9	309	15	14	4.5
Essex Agr Tech	Essex Agr & Tech Inst	1.7	1.8	1.2	2.1	2.5	326	8	7	2.1
Norfolk County Agr	Norfolk County Agr	1.1	0.0	1.6	0.0	2.0	358	7	0	0.0

* adjusted dropouts and rate account for dropouts who returned to school by Oct. 1, 1993; -- indicates a school was not in operation, had no grades 9-12, or did not report data

Projected Four-Year Dropout Rates by District

District	Class of 1992 Rate (%)	Class of 1993 Rate (%)	Class of 1994 Rate (%)	Class of 1995 Rate (%)	Class of 1996	
					Unadjusted Rate (%)	Adjusted Rate (%)*
Abington	11	9	5	5	4	2
Agawam	16	13	8	14	16	12
Amesbury	20	21	12	14	10	9
Andover	3	3	2	5	4	3
Arlington	3	5	3	5	3	3
Ashland	2	1	0	1	0	0
Attleboro	29	30	28	24	28	24
Auburn	6	4	5	3	3	2
Avon	3	12	4	0	0	0
Ayer	9	14	14	15	15	13
Barnstable	23	19	15	18	24	14
Bedford	5	2	3	3	4	1
Belchertown	14	8	6	7	13	5
Bellingham	10	6	100	4	8	8
Belmont	0	1	5	3	3	2
Beverly	17	14	11	12	17	11
Billerica	11	9	8	9	5	3
Boston	38	39	36	33	30	27
Bourne	8	9	4	5	7	7
Braintree	11	11	6	7	7	4
Brockton	31	32	30	29	32	30
Brookline	6	4	2	3	2	2
Burlington	3	4	2	1	2	2
Cambridge	20	18	10	16	17	16
Canton	7	6	2	4	5	4
Chatham	0	7	3	8	8	5
Chelmsford	8	4	5	5	3	2
Chelsea	52	59	43	30	38	30
Chicopee	27	24	21	24	25	20
Clinton	17	13	12	13	11	11
Cohasset	1	1	1	3	0	0
Danvers	11	5	6	5	6	4
Dartmouth	9	12	6	7	5	4
Dedham	13	3	7	6	5	3
Douglas	13	15	11	15	10	7
Dracut	10	11	13	8	13	10
Duxbury	3	3	2	1	3	2
East Bridgewater	10	9	8	1	0	0
Easthampton	20	14	9	13	16	14
East Longmeadow	10	4	5	4	3	3
Easton	6	2	1	2	2	2
Everett	15	14	13	22	21	18
Fairhaven	14	21	20	19	18	11
Fall River	31	38	32	35	33	29
Falmouth	26	18	18	15	16	14

* adjusted rate accounts for dropouts who returned to school by Oct. 1, 1993; -- indicates a district did not report data

Projected Four-Year Dropout Rates by District

District	Class of 1992 Rate (%)	Class of 1993 Rate (%)	Class of 1994 Rate (%)	Class of 1995 Rate (%)	Class of 1996	
					Unadjusted Rate (%)	Adjusted Rate (%)*
Fitchburg	29	28	21	26	26	12
Foxborough	14	6	6	9	6	6
Framingham	10	14	10	14	17	12
Franklin	10	7	9	5	6	4
Gardner	20	18	17	12	13	11
Georgetown	2	3	3	4	5	5
Gloucester	22	23	15	16	22	15
Grafton	10	10	14	8	10	4
Granby	6	8	16	11	2	2
Greenfield	18	20	16	24	31	25
Hadley	0	5	0	0	0	0
Hanover	5	5	4	3	2	2
Harvard	1	2	2	2	0	0
Harwich	8	7	6	4	4	4
Hatfield	0	0	4	7	12	12
Haverhill	19	18	18	16	17	13
Hingham	1	2	1	0	0	0
Holbrook	9	9	12	4	2	2
Holliston	4	1	1	1	2	2
Holyoke	29	36	39	30	34	28
Hopedale	3	4	2	5	4	4
Hopkinton	2	3	1	1	0	0
Hudson	7	15	13	9	9	7
Hull	23	10	11	12	8	5
Ipswich	12	8	7	6	3	3
Lawrence	44	48	46	53	44	40
Lee	7	6	1	0	2	2
Leicester	14	13	13	9	13	9
Lenox	0	4	5	4	1	1
Leominster	15	18	17	15	22	20
Lexington	4	2	0	2	2	0
Littleton	11	7	3	4	1	1
Longmeadow	5	3	0	3	2	2
Lowell	37	31	19	21	15	11
Ludlow	7	10	3	6	9	6
Lunenburg	5	5	8	11	9	7
Lynn	37	41	27	30	28	25
Lynnfield	4	4	4	4	3	3
Malden	19	21	24	28	20	8
Manchester	2	3	0	5	9	9
Mansfield	14	4	5	13	9	7
Marblehead	6	2	1	2	2	1
Marlborough	22	17	11	19	10	9
Marshfield	9	8	6	5	6	5
Maynard	5	14	11	11	14	14

* adjusted rate accounts for dropouts who returned to school by Oct. 1, 1993; -- indicates a district did not report data

Projected Four-Year Dropout Rates by District

District	Class of 1992 Rate (%)	Class of 1993 Rate (%)	Class of 1994 Rate (%)	Class of 1995 Rate (%)	Class of 1996	
					Unadjusted Rate (%)	Adjusted Rate (%)*
Medfield	1	1	2	2	0	0
Medford	13	11	11	13	7	5
Medway	5	2	2	3	3	2
Melrose	4	3	3	2	2	2
Methuen	24	20	18	27	22	20
Middleborough	10	9	6	10	11	9
Milford	8	8	10	11	11	8
Millbury	17	9	11	13	20	15
Millis	10	7	0	0	11	3
Milton	5	2	2	4	2	1
Monson	11	13	8	10	9	8
Nantucket	1	3	2	0	6	6
Natick	9	6	6	6	4	2
Needham	8	2	0	2	1	1
New Bedford	32	29	31	32	38	36
Newburyport	11	12	9	17	17	14
Newton	7	6	2	4	3	2
North Adams	23	26	23	19	21	15
Northampton	16	15	12	14	15	13
North Andover	4	8	8	9	5	4
North Attleborough	18	9	10	8	12	11
Northbridge	19	20	22	14	14	7
North Brookfield	17	10	11	20	10	7
North Reading	5	6	3	2	5	4
Norton	16	14	17	7	16	11
Norwell	2	4	0	0	2	2
Norwood	9	6	5	7	11	7
Oxford	10	4	3	5	2	2
Palmer	2	5	3	5	6	6
Peabody	16	17	14	19	15	11
Pittsfield	24	21	18	17	26	23
Provincetown	17	16	22	3	15	12
Quincy	12	12	19	10	9	7
Randolph	13	10	11	11	13	9
Reading	5	5	4	6	11	10
Revere	19	28	24	20	18	14
Rockland	10	5	10	8	8	6
Rockport	9	6	2	1	6	6
Salem	29	24	23	13	28	23
Sandwich	4	7	10	12	4	4
Saugus	3	8	0	4	8	4
Scituate	11	6	3	4	4	3
Seekonk	7	9	9	3	8	4
Sharon	4	4	1	3	2	1
Shrewsbury	10	9	9	5	11	9

* adjusted rate accounts for dropouts who returned to school by Oct. 1, 1993; -- indicates a district did not report data

Projected Four-Year Dropout Rates by District

District	Class of 1992 Rate (%)	Class of 1993 Rate (%)	Class of 1994 Rate (%)	Class of 1995 Rate (%)	Class of 1996	
					Unadjusted Rate (%)	Adjusted Rate (%)*
Somerset	10	12	9	8	6	5
Somerville	22	21	21	27	27	22
Southbridge	34	30	36	16	37	34
South Hadley	9	7	5	1	1	1
Springfield	40	36	31	25	39	34
Stoneham	9	5	5	4	4	4
Stoughton	17	10	11	7	12	9
Sutton	12	15	8	5	6	4
Swampscott	3	6	2	5	3	1
Swansea	18	23	15	14	10	9
Taunton	42	29	21	6	28	24
Tewksbury	10	12	5	4	9	8
Tyngsborough	13	8	1	4	6	5
Uxbridge	22	15	7	9	12	11
Wakefield	3	6	9	4	11	11
Walpole	3	2	2	1	2	2
Waltham	18	14	12	17	16	11
Ware	15	10	22	17	22	18
Wareham	19	10	6	7	8	4
Watertown	6	10	6	8	10	10
Wayland	5	0	1	1	1	0
Webster	10	16	9	18	18	11
Wellesley	0	1	1	3	1	1
Westborough	3	6	2	3	5	5
West Boylston	3	6	4	4	3	3
West Bridgewater	8	8	3	6	15	15
Westfield	16	18	21	22	23	19
Westford	2	4	4	4	3	1
Weston	3	2	2	1	0	0
Westport	16	11	9	9	14	11
West Springfield	19	18	16	12	20	16
Westwood	4	1	1	1	0	0
Weymouth	12	10	9	17	13	10
Wilmington	5	6	3	6	10	8
Winchendon	26	13	19	14	21	21
Winchester	4	1	3	2	3	2
Winthrop	4	5	3	5	2	1
Woburn	11	11	6	6	--	--
Worcester	42	34	31	29	31	27
Northampton-Smith	14	11	9	7	11	10
Worcester Trade Complex	18	12	0	7	23	17
Acton-Boxborough	3	3	2	2	1	1
Adams-Cheshire	13	11	10	8	16	14
Amherst-Pelham	9	8	10	16	15	13
Ashburnham-Westminster	12	10	7	11	9	9

* adjusted rate accounts for dropouts who returned to school by Oct. 1, 1993; -- indicates a district did not report data

Projected Four-Year Dropout Rates by District

District	Class of 1992 Rate (%)	Class of 1993 Rate (%)	Class of 1994 Rate (%)	Class of 1995 Rate (%)	Class of 1996	
					Unadjusted Rate (%)	Adjusted Rate (%)*
Athol-Royalston	17	24	18	24	21	16
Berkshire Hills	9	16	16	10	9	8
Berlin-Boylston	4	9	4	2	5	3
Blackstone-Millville	21	18	22	16	20	15
Bridgewater-Raynham	17	10	11	6	7	1
Central Berkshire	11	13	8	12	12	8
Concord-Carlisle	6	3	2	1	1	0
Dennis-Yarmouth	23	23	19	25	19	9
Dighton-Rehoboth	13	15	8	12	6	4
Dover-Sherborn	1	1	0	1	0	0
Dudley-Charlton Reg	20	18	11	11	18	15
Nauset	6	7	12	9	12	9
Freetown-Lakeville	17	12	10	12	6	6
Frontier	5	7	2	7	3	3
Gateway	15	19	18	11	14	10
Groton-Dunstable	3	6	5	5	9	8
Gill-Montague	22	16	22	1	14	13
Hamilton-Wenham	6	5	3	4	3	3
Hampden-Wilbraham	6	4	3	6	4	4
Hampshire	7	5	7	5	9	9
King Philip	9	10	6	4	6	5
Lincoln-Sudbury	2	3	0	2	2	2
Marthas Vineyard	6	13	12	13	14	10
Masconomet	8	5	4	4	8	7
Mendon-Upton	3	0	1	0	0	0
Mount Greylock	10	11	2	5	5	5
Mohawk Trail	17	11	15	14	16	9
Narragansett	10	14	11	11	10	10
Nashoba	5	10	4	5	5	4
Northboro-Southboro	7	9	3	5	3	3
North Middlesex	15	6	5	10	7	5
Old Rochester	8	4	1	4	5	5
Pentucket	6	5	2	3	4	4
Pioneer Valley	6	8	4	1	6	4
Plymouth-Carver	13	24	11	18	15	11
Quabbin	10	12	13	14	20	14
Ralph C Mahar	24	27	15	27	24	17
Silver Lake	12	6	12	17	17	9
Southern Berkshire	14	16	13	9	20	12
Southwick-Tolland	14	14	11	15	15	10
Spencer E Brookfield	15	12	11	15	13	10
Tantasqua	24	13	9	21	14	11
Triton	12	13	8	8	14	11
Wachusett	10	7	4	7	9	8
Quaboag Regional	15	21	5	23	21	16

* adjusted rate accounts for dropouts who returned to school by Oct. 1, 1993; -- indicates a district did not report data

Projected Four-Year Dropout Rates by District

District	Class of 1992 Rate (%)	Class of 1993 Rate (%)	Class of 1994 Rate (%)	Class of 1995 Rate (%)	Class of 1996	
					Unadjusted Rate (%)	Adjusted Rate (%)*
Whitman-Hanson	12	9	6	10	9	8
Assabet Valley	0	12	14	14	11	10
Blackstone Valley Reg	14	20	14	3	10	8
Blue Hills Voc	22	18	10	9	7	6
Bristol-Plymouth Voc Tech	3	2	1	4	7	4
Cape Cod Reg Voc Tech	37	39	26	31	37	30
Franklin County	27	23	31	34	38	33
Greater Fall River	5	8	6	6	4	3
Greater Lawrence	23	19	19	14	17	15
Greater New Bedford	17	9	4	5	2	1
Greater Lowell Voc Tec	25	25	14	15	14	11
S Middlesex Voc Tech Reg	32	25	18	9	10	8
Minute Man Voc Tech	15	0	0	6	3	3
Montachusett Voc Tech	33	27	23	21	20	17
Northern Berkshire Voc	6	3	6	4	3	1
Nashoba Valley Tech	13	16	18	17	18	15
Northeast Metro Voc	5	1	7	6	8	6
North Shore Reg Voc	33	48	55	45	28	22
Old Colony Voc Tech	13	3	8	6	6	6
Pathfinder Voc Tech	23	11	21	23	14	11
Shawsheen Valley Voc Tech	12	11	12	10	13	9
Southeastern Reg Voc Tech	9	7	9	11	16	12
South Shore Reg Voc Tech	19	6	10	13	10	10
S Worcester County Voc	26	13	12	7	12	11
Tri County	12	9	1	8	7	6
Upper Cape Cod Voc Tech	11	24	10	3	18	0
Whittier Voc	23	21	26	10	11	7
Bristol County Agr	16	11	25	20	19	18
Essex Agr Tech	7	8	6	9	11	10
Norfolk County Agr	5	0	6	0	9	0

* adjusted rate accounts for dropouts who returned to school by Oct. 1, 1993; -- indicates a district did not report data

